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ABSTRACT

The invention is encompassed in the technical sector of lung cancer treatment with antitumor drugs, and it specifically develops a diagnostic device which allows treating each patient 5 with the most effective drug according to the polymorphism they show for the XPD gene. The assay device of the invention is based on the polymorphic variants of the XPD gene at exon 23 (A-C, Lys 751 Gln) and at exon 10 (G-A, Asp312Asn) and on the development of specific primers which allow detecting said 10 polymorphisms by PCR or by means of automatic DNA sequencing.

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